

ARCADIS Avantic

SP

Installation Instructions

System

Laser Light Localizer Generator

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Safety information

Protection against laser beams

This product contains two class 2 lasers (U.S.A.: class 2 laser).

Observe the safety information in ARTD-002.731.03...

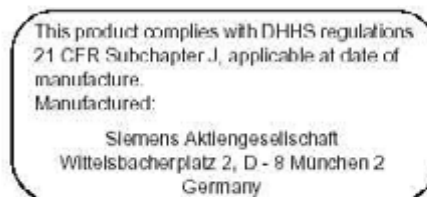
When working with the laser light localizer, do not look directly into the laser beam.

Labels for U.S.A.:

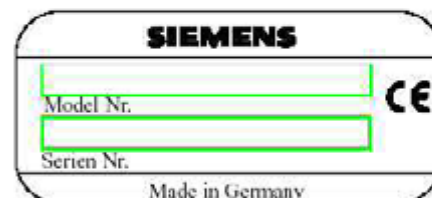
Warning logotype



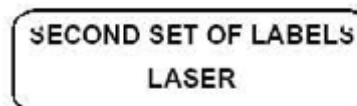
Certification label:



Identification label:



Label:



Laser aperture label:



Fig. 1: USA labels

Labels for all other countries

Warnschild nach IEC 825

Warning label according to IEC 825



English

LASER RADIATION
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
EN 60825-1:2014+A1:2014
P<1 mW; λ= 540-700nm

LASERSKO ZRAČENJE
NE GLEDITE U TOČKU
LASER PROIZVOD 2. KLASA
EN 60825-1:2014+A1:2014
P<1 mW; λ= 540-700nm

Cro

Aufkleber gemäss
landesüblicher
Sprache verwenden:

Bra

RADIÇÃO A LASER
NÃO OLHAR PARA O FEIXE
PRODUTO LASER CLASSE 2
EN 60825-1:2014+A1:2014

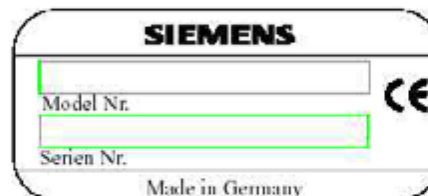
PROWIDNIENIE LASEROWE
NIE WOLNO PATRZEC NA
PROMIEN LASERA
PRODUKT LASEROWY VI KLASY
EN 60825-1:2014+A1:2014

Pol

Use the label
for the respective
local language:

Kennschild:

Identification label:



SECOND SET OF LABELS
LASER

Fig. 2: Labels for other countries

Note

These installation instructions only apply to the subsequent installation of a laser light localizer in the ARCADIS Avantic.

Parts required

ARCADIS Avantic, complete laser light localizer: 10 04 7655,
consisting of:

- Light beam localizer
- 4x spacers
- 4x screws
- Warning labels according to IEC 825 (text and symbol)
- Identification label
- for U.S.A.: Class 2 laser warning logo type and DHHS certification label
- Various small parts

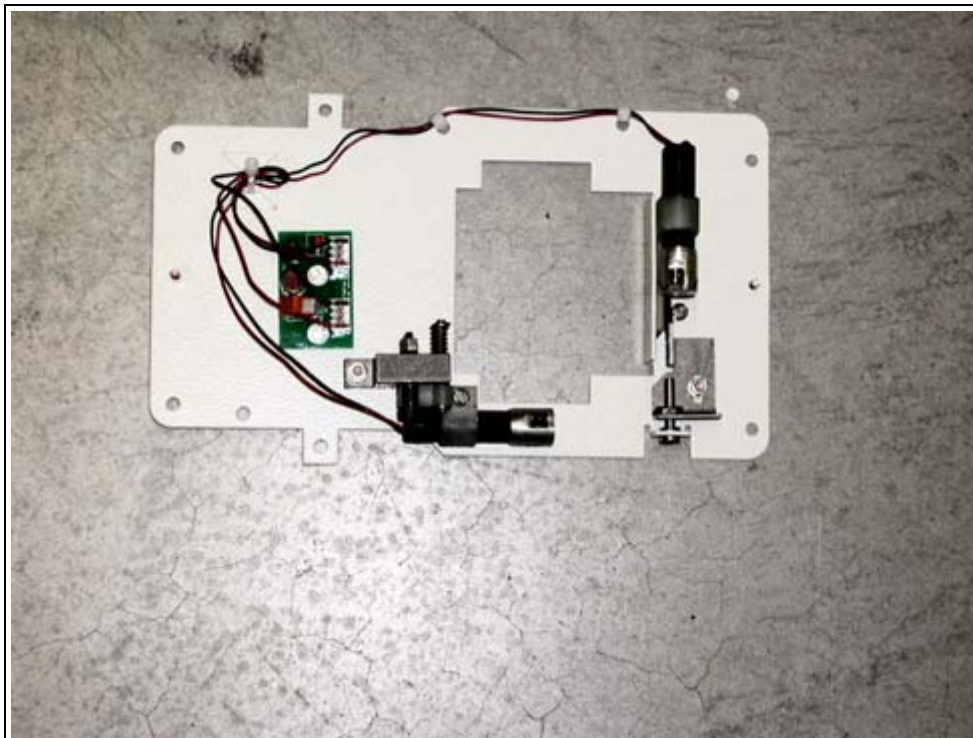


Fig. 3: Required_parts

Required aids

Tool kit (including Allen wrench)

Removing the cover

- Disconnect the ARCADIS Avantic power plug.
- Remove the cover plate from the basic unit.
- Remove the POWERPHOS cover by carefully loosening the bonding surfaces on the long sides of the cover.

POWERPHOS wiring

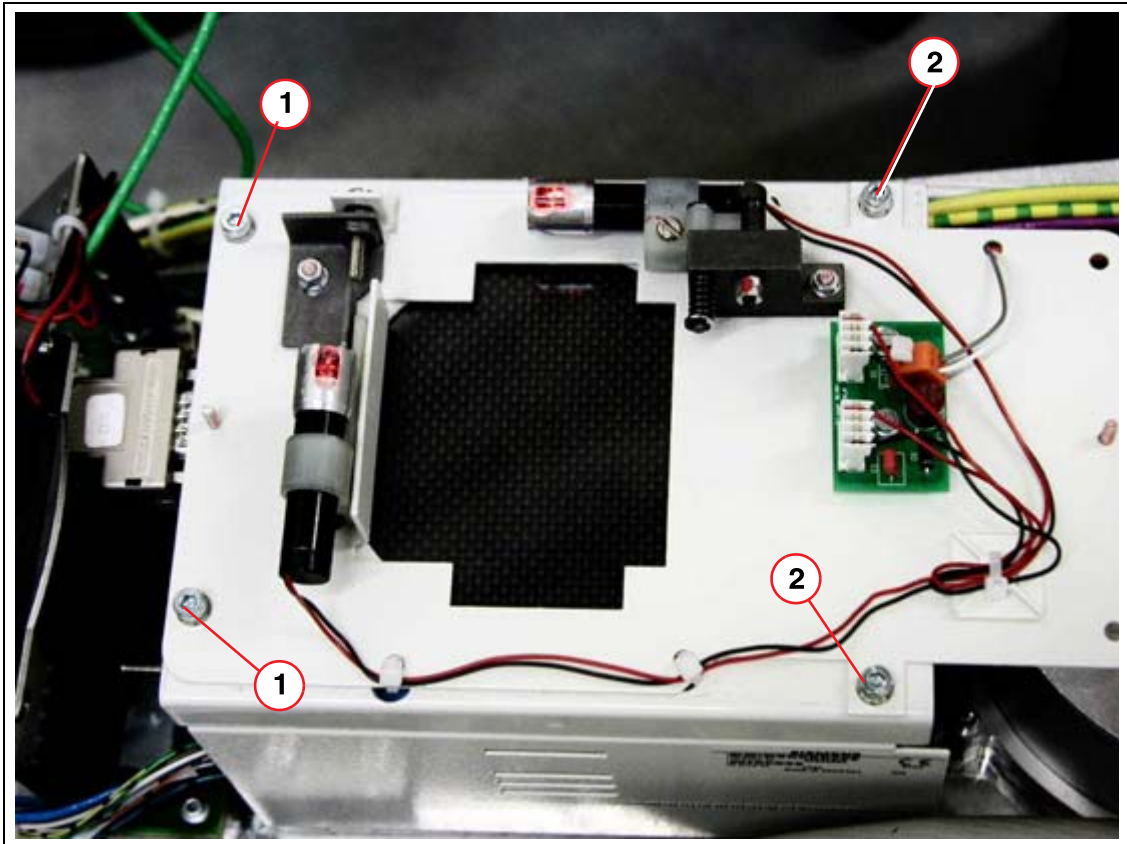


Fig. 4: Laser_unit

- Loosen and remove the cover from the tube collimator.
- Route the spare leads (white and gray) up and out through the back.
- Replace the cover of the tube collimator.


Assembling the visual localizer on the POWERPHOS

- Loosen the screw ([1/Fig. 4 / p. 10](#)).
- Without Diamantor:
 - Insert the bolts provided into the threaded holes.
- With Diamantor:
- Install the visual localizer as shown in ([Fig. 4 / p. 10](#)) and secure it to the POWERPHOS via 4 screws and contact disks ([1 und 2/Fig. 4 / p. 10](#)).
- Connect the white spare lead to point X55.1 (+).
- Connect the gray spare lead to point X55.4 (-).
- Secure the two spare leads using cable ties.

Changing the configuration (ARCADIS Avantic only):

- Log on to the service menu.
- Click <Main System>-<Configuration>-<Options>.
- Set "Laser Existing" to <yes> and click <Save>.
- Back up the parameters.

Functional test

- System ON.
- Test the functioning of the  at the operating console of the basic unit:
 - When the laser light localizer is switched on, the LEDs must be lit in this button and both laser diodes.
- Test the automatic switch off of the laser light localizer: Switch on the laser light localizer. The two laser diodes must shut off automatically after approx. 5 minutes.

NOTICE

Important with regard to the laser light localizer:

- ⇒ **Before performing the final steps, the laser light localizer has to be adjusted according to the provided adjustment instructions.**

Final Work Steps

Attaching the cover:

Note for U.S.A.:When using the laser light localizer, remove the spacer!

Installing the covers:

- Replace the cover on the SIREMOBIL/ARCADIS Avantic.

Affixing the identification labels for the U.S.A.

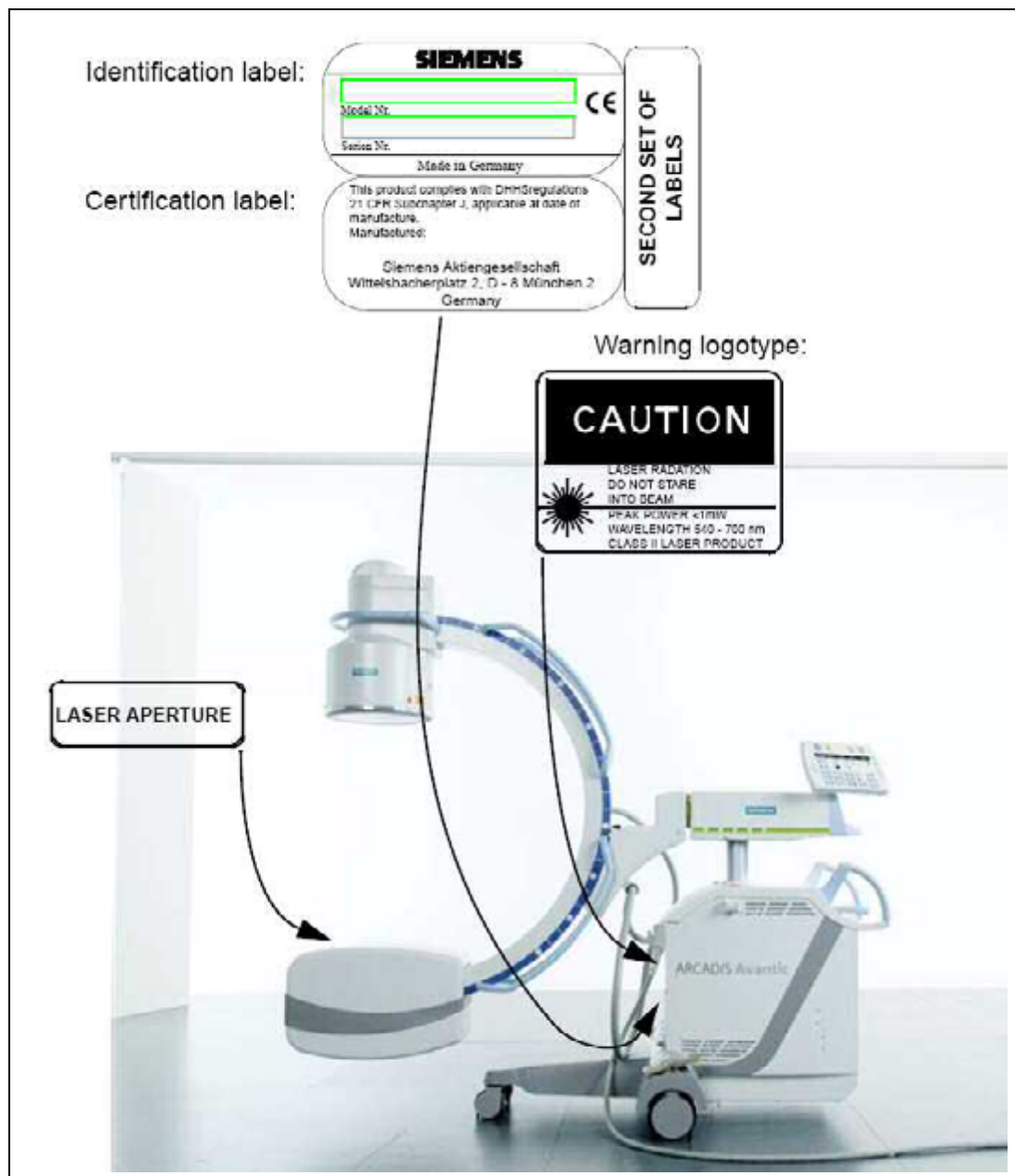


Fig. 5: Stickers_other_countries

- Affix the identification labels provided as shown in (Fig. 5 / p. 15) and (Fig. 6 / p. 16).
 - Affix the identification label, "class 2 laser" warning logo type, DHHS certification label, and the two laser aperture labels.

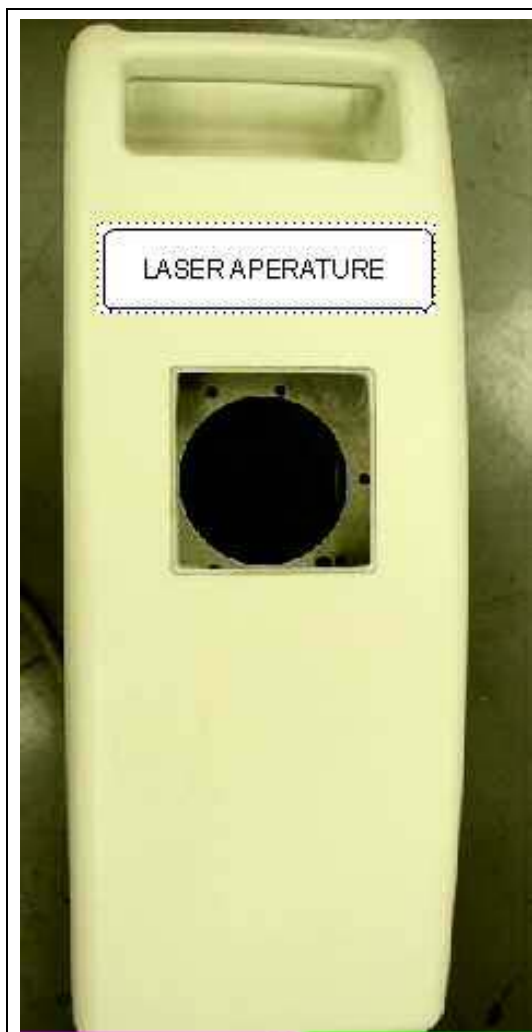


Fig. 6: Sticker_laser aperture

Affixing the identification labels for Great Britain and other countries

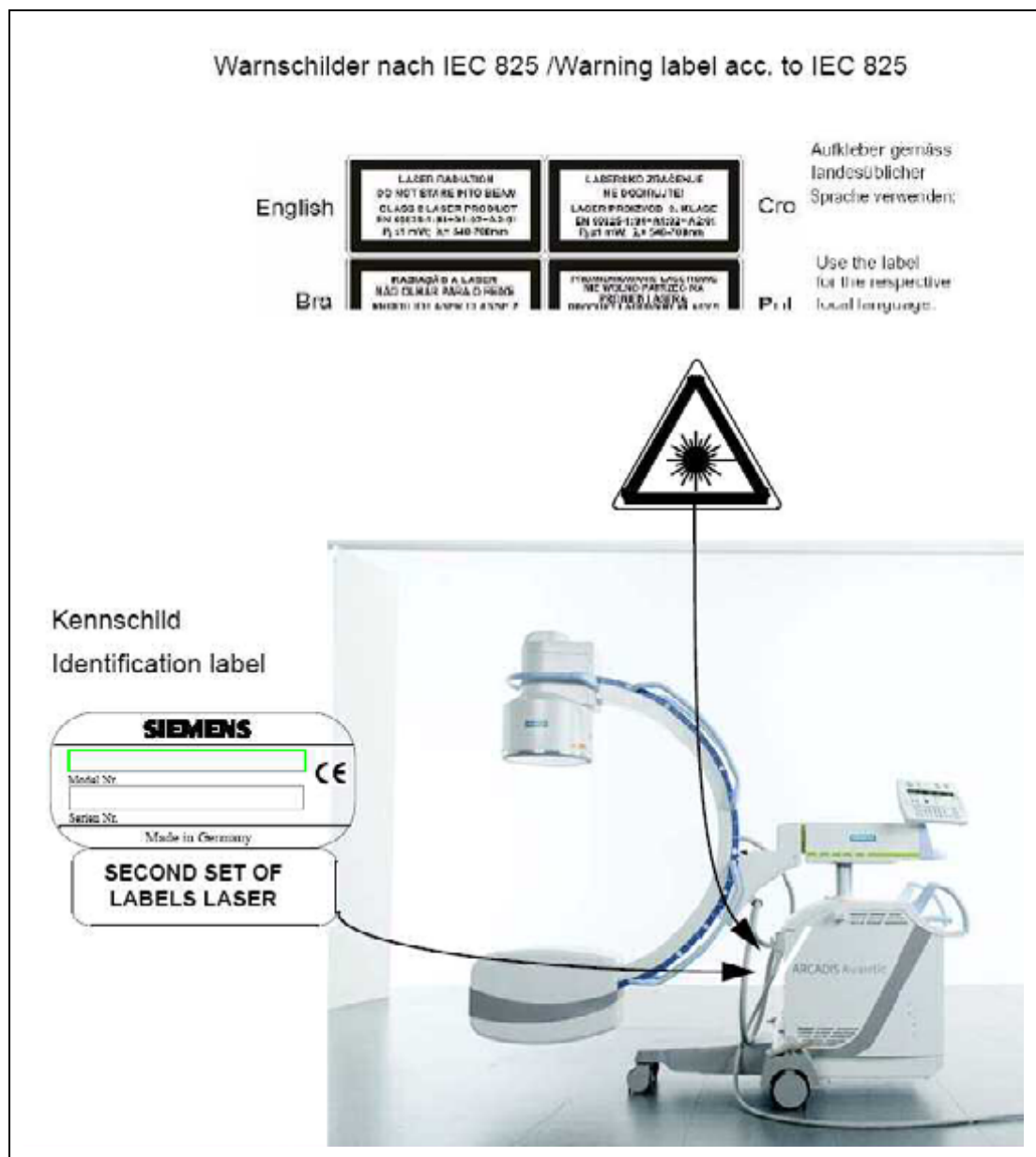


Fig. 7: Label_not_usa

- Affix the identification labels provided as shown in (Fig. 5 / p. 15) (other countries).

Great Britain: Affix the warning label according to IEC 825 (text) in the local language, warning label according to IEC 825 (symbol) and identification label. Attach additional laser aperture labels (see (Fig. 6 / p. 16)).

Other countries: Affix the warning label according to IEC 825 (text) in the local language, warning label according to IEC 825 (symbol) and identification label.

N/A; first version

